EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	347	(US-7377035-$ or US-7316547-$ or US-7296981-$ or US-7296435-$ or US-7293495-$ or US-7281907-$ or US-7273358-$ or US-7255539-$ or US-7225724-$ or US-7225723-$ or US-7218017-$ or US-7195464-$ or US-7185431-$ or US-7179064-$ or US-7168929-$ or US-7144229-$ or US-7137792-$ or US-7137791-$ or US-7121635-$ or US-7070397-$ or US-7069986-$ or US-7056105-$ or US-7037090-$ or US-7033150-$ or US-7029249-$ or US-7024960-$).did. or (US-7013793-$ or US-7001158-$ or US-6991436-$ or US-6981854-$ or US-6960067-$ or US-6956306-$ or US-6948418-$ or US-6942470-$ or US-6913038-$ or US-6896495-$ or US-6881042-$ or US-6857857-$ or US-6840746-$ or US-6838788-$ or US-6832900-$ or US-6802700-$ or US-6790015-$ or US-6783333-$ or US-6779990-$ or US-6776589-$ or US-6761543-$ or US-6752067-$ or US-6749408-$ or US-6745667-$ or US-	USPAT	OR	OFF	2008/10/10 13:04

6742998-$ or US-
6742994-$ or US-
6739237-$).did. or (US-
6733245-$ or US-
6732631-$ or US-
6716003-$ or US-
6716001-$ or US-
6695590-$ or US-
6692240-$ or US-
6685438-$ or US-
6682317-$ or US-
6676388-$ or US-
6666657-$ or US-
6666064-$ or US-
6655928-$ or US-
6652252-$ or US-
6648612-$ or US-
6644945-$ or US-
6641374-$ or US-
6638035-$ or US-
6638034-$ or US-
6632076-$ or US-
6629827-$ or US-
6616420-$ or US-
6609899-$ or US-
6609896-$ or US-
6607369-$ or US-
6599107-$ or US-
6589029-$ or US-
6572348-$).did. or (US-
6571917-$ or US-
6551077-$ or US-
6547538-$ or US-
6547536-$ or US-
6540485-$ or US-
6537041-$ or US-
6517330-$ or US-
6514047-$ or US-
6494690-$ or US-
6494293-$ or US-
6485266-$ or US-
6481985-$ or US-
6478554-$ or US-
6447257-$ or US-
6439863-$ or US-
6435846-$ or US-
6431845-$ or US-
6431839-$ or US-
6425740-$ or US-
6422833-$ or US-
6401472-$ or US-
6398511-$ or US-
6368080-$ or US-
6364632-$ or US-
6354818-$ or US-
6331101-$ or US-

6319410-$).did. or (US-
6287092-$ or US-
6283723-$ or US-
6280162-$ or US-
6257847-$ or US-
6257843-$ or US-
6234771-$ or US-
6227821-$ or US-
6227818-$ or US-
6215206-$ or US-
6213725-$ or US-
6203292-$ or US-
6200110-$ or US-
6196812-$ or US-
6193477-$ or US-
6193475-$ or US-
6176348-$ or US-
6168393-$ or US-
6164924-$ or US-
6158326-$ or US-
6155805-$ or US-
6149403-$ or US-
6146115-$ or US-
6146112-$ or US-
6142751-$ or US-
6135727-$ or US-
6135725-$ or US-
6095768-$).did. or (US-
6092999-$ or US-
6089836-$ or US-
6089835-$ or US-
6074170-$ or US-
6059542-$ or US-
6056521-$ or US-
6056519-$ or US-
6036454-$ or US-
6024542-$ or US-
5993174-$ or US-
5988994-$ or US-
5971724-$ or US-
5971721-$ or US-
5947702-$ or US-
5944495-$ or US-
5931647-$ or US-
5915929-$ or US-
5895207-$ or US-
5890879-$ or US-
5865090-$ or US-
5842752-$ or US-
5833925-$ or US-
5816783-$ or US-
5807075-$ or US-
5806336-$ or US-
5788468-$ or US-
5769615-$).did. or (US-
5762480-$ or US-

5741124-$ or US-
5725358-$ or US-
5707212-$ or US-
5664938-$ or US-
5655887-$ or US-
5639226-$ or US-
5632607-$ or US-
5632606-$ or US-
5630706-$ or US-
5623974-$ or US-
5622482-$ or US-
5620524-$ or US-
5620311-$ or US-
5567122-$ or US-
5564908-$ or US-
5559537-$ or US-
5557154-$ or US-
5542335-$ or US-
5531574-$ or US-
5518375-$ or US-
5509790-$ or US-
5501581-$ or US-
5492457-$ or US-
5484270-$ or US-
5476367-$ or US-
5472322-$).did. or (US-
5472320-$ or US-
5456318-$ or US-
5378123-$ or US-
5354185-$ or US-
5346373-$ or US-
5336063-$ or US-
5336061-$ or US-
5320501-$ or US-
5316445-$ or US-
5314025-$ or US-
5312233-$ or US-
5290156-$ or US-
5286177-$ or US-
5284423-$ or US-
5281110-$ or US-
5263978-$ or US-
5257915-$ or US-
5253981-$ or US-
5249935-$ or US-
5221193-$ or US-
5215447-$ or US-
5205723-$ or US-
5201851-$ or US-
5195354-$ or US-
5192001-$ or US-
5183396-$ or US-
5173039-$).did. or (US-
5160247-$ or US-
5154586-$ or US-
5151015-$ or US-

5137434-$ or US-
5131820-$ or US-
5118263-$ or US-
5111681-$ or US-
5102306-$ or US-
5088902-$ or US-
5037396-$ or US-
5028217-$ or US-
5015155-$ or US-
4992685-$ or US-
4979878-$ or US-
4978284-$ or US-
4977817-$ or US-
4970861-$ or US-
4941808-$ or US-
4940399-$ or US-
4930991-$ or US-
4925371-$ or US-
4919596-$ or US-
4892468-$ or US-
4874296-$ or US-
4836755-$ or US-
4834627-$ or US-
4834626-$).did. or (US-
4818190-$ or US-
4810915-$ or US-
4804109-$ or US-
4799866-$ or US-
4793776-$ or US-
4744334-$ or US-
4732548-$ or US-
4723941-$ or US-
4718830-$ or US-
4715787-$ or US-
4712983-$ or US-
4708603-$ or US-
4708600-$ or US-
4702674-$ or US-
4700090-$ or US-
4681515-$ or US-
4656376-$ or US-
4632644-$ or US-
4627798-$ or US-
4617637-$ or US-
4614479-$ or US-
4601640-$ or US-
4597717-$ or US-
4568011-$ or US-
4566868-$ or US-
4566865-$ or US-
4566370-$).did. or (US-
4559686-$ or US-
4551074-$ or US-
4549857-$ or US-
4547131-$ or US-
4540382-$ or US-

4529365-$ or US-
4518323-$ or US-
4493614-$ or US-
4492533-$ or US-
4492127-$ or US-
4431383-$ or US-
4431356-$ or US-
4421460-$ or US-
4417860-$ or US-
4412791-$ or US-
4406590-$ or US-
4401419-$ or US-
4400144-$ or US-
4397616-$ or US-
4382749-$ or US-
4353682-$ or US-
4345882-$ or US-
4338904-$ or US-
4326837-$ or US-
4298314-$ or US-
4281972-$ or US-
4276003-$).did. or (US-
4248050-$ or US-
4227499-$ or US-
4210117-$ or US-
4195609-$ or US-
4190402-$ or US-
4184810-$ or US-
4178140-$ or US-
4164920-$ or US-
4149505-$ or US-
4137014-$ or US-
4080949-$ or US-
4044745-$ or US-
4028015-$ or US-
4022174-$ or US-
4021151-$ or US-
4009971-$ or US-
3994307-$ or US-
3994272-$ or US-
3985133-$ or US-
3966359-$ or US-
3955900-$ or US-
3943892-$ or US-
3918683-$ or US-
3907070-$ or US-
3906603-$ or US-
3894817-$ or US-
3836290-$).did. or (US-
3807907-$ or US-
3796521-$ or US-
3784334-$ or US-
3773439-$ or US-
3744261-$ or US-
3721509-$ or US-
3704964-$ or US-

		3698288-$ or US-3697197-$ or US-3692435-$ or US-3666142-$ or US-3664461-$ or US-3663127-$ or US-3656874-$ or US-3653787-$ or US-3612729-$ or US-3612728-$ or US-3600111-$ or US-3597119-$ or US-3591315-$ or US-3572981-$ or US-3250931-$ or US-3225758-$ or US-1832588-$).did.				
L15	1100	(417/415).CCLS.	USPAT; USOCR	OR	OFF	2008/10/10 13:04
L16	349	L15 and piston	USPAT	OR	OFF	2008/10/10 13:04
L17	2	L16 not l14	USPAT	OR	OFF	2008/10/10 13:04
S1	12	((IKUTOMO) near2 (UMEOKA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 14:06
S2	85	((MAKOTO) near2 (KATAYAMA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 14:16
S3	6	((JUNICHIRO) near2 (YABIKI)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 14:23
S4	0	("5228853.pn.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 14:29
S5	1	("5228853").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 14:29
S6	3	("20030223891" or "5860395" or "5228843").pn.	US-PGPUB; USPAT	OR	OFF	2008/06/09 14:30
S7	11	("2497781" | "4901679" | "4945864" | "4979473" | "4995346" | "5118263" | "5655495").PN. OR ("5860395").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 16:43
S8	1098	(417/415).CCLS.	USPAT; USOCR	OR	OFF	2008/06/09 17:09
S9	0	("2andpiston").PN.	USPAT; USOCR	OR	OFF	2008/06/09 17:09
S10	347	S8 and piston	USPAT	OR	OFF	2008/06/09 17:09

S11	148488	piston.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/09 17:55
S12	4489	(piston and head).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/09 17:55
S13	1769	(piston and head and (engine or compressor or pump)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/09 17:56
S14	60	(piston and head and (engine or compressor or pump) and pin).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/09 17:57
S15	966	(123/193.6).CCLS.	USPAT; USOCR	OR	OFF	2008/06/09 18:14
S16	0	("9andpiston").PN.	USPAT; USOCR	OR	OFF	2008/06/09 18:15
S17	517	S15 and piston.ti.	USPAT	OR	OFF	2008/06/09 18:15
S18	21	S15 and (piston and head).ti.	USPAT	OR	OFF	2008/06/09 18:15
S19	12	("4158328" | "4274372" | "4730549" | "5000078" | "5839352").PN. OR ("6357341").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 18:25
S20	16	("4577595" | "4581983" | "5065706" | "5653204" | "5724933" | "6026777" | "Re34139").PN. OR ("6314933").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 18:29
S21	42	("2340662" | "3189010" | "3190273" | "3349672" | "3613521" | "3914574").PN. OR ("4581983").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 18:31

S22	35	("3413897" | "3464100" | "4608947" | "4847964" | "4878466" | "5052280" | "5144923" | "5150517" | "5261363" | "5357920").PN. OR ("5778533").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 18:53
S23	9	("1468586" | "1760122" | "2381065" | "2407440").PN. OR ("RE35551").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:05
S24	5	("2407440").URPN.	USPAT	OR	OFF	2008/06/09 19:06
S25	16	("1462501" | "1760122" | "2407440" | "4535682" | "4599935").PN. OR ("4809591").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:06
S26	10	("1760122" | "4599935" | "4752995" | "4809591" | "4903580").PN. OR ("5076226").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:09
S27	13	("3319535" | "3403605" | "4161165" | "4715267" | "4752995" | "4817505" | "5076226" | "5174249").PN. OR ("5713262").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:10
S28	19	("2149862" | "2195552" | "2848287" | "3403605" | "3987709" | "4535682" | "4648309" | "4683808" | "4691622").PN. OR ("4817505").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:11
S29	19	("1727647" | "2066613" | "2120090" | "2141784" | "2802707" | "2802708").PN. OR ("3987709").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:16
S30	11	("2032849" | "2066613" | "3307456" | "3987709" | "4161165").PN. OR ("4702151").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:19

S31	9	("4358881" | "4702151" | "4709621" | "4785774" | "4887519").PN. OR ("5063893").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:20
S32	18	("1229133" | "4433616" | "4530341").PN. OR ("4709621").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:23
S33	3	("2066613").URPN.	USPAT	OR	OFF	2008/06/09 19:30
S34	25	("1953109" | "2066613" | "2108865" | "2315403" | "3012831" | "3035559" | "3413897").PN. OR ("3628511").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:31
S35	2	("2032849").URPN.	USPAT	OR	OFF	2008/06/09 19:35
S36	1	("2141784").URPN.	USPAT	OR	OFF	2008/06/09 19:42
S37	18	("2344416" | "3438789" | "3621617" | "3654692" | "3732759" | "4048975" | "4075934" | "4535682").PN. OR ("4752995").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:53
S38	18	("4535682" | "4648309" | "4691622" | "4752995" | "4760771" | "4809591" | "4903580" | "5076226" | "5115726" | "5144884" | "5172626" | "5174193" | "5193435" | "5251540" | "5682808" | "RE35551").PN. OR ("6502539").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:54
S39	26	("1575751" | "2186375" | "2190207" | "2352592" | "2513814" | "4648309" | "4656711" | "4691622" | "4716817" | "4809652" | "4831919" | "4864986" | "4903580" | "5107807").PN. OR ("5172626").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:58

S40	5	("2352592").URPN.	USPAT	OR	OFF	2008/06/09 20:00
S41	3	("2190207").URPN.	USPAT	OR	OFF	2008/06/09 20:01
S42	16	("2190207" | "2194247" | "2217542" | "2416487" | "2464554" | "4987866").PN. OR ("5839351").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:01
S43	29	("1875039" | "2795468" | "3906923" | "4194650" | "4541377" | "5114047" | "5275309" | "5448942" | "5839351" | "6193482" | "6327962" | "6453797" | "6763758" | "6772846" | "6820582" | "6892689" | "D122922" | "D286780" | "D286781" | "D287599" | "D322969" | "D371562" | "D373773" | "D377493" | "D383761" | "D399212").PN. OR ("D515590").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:02
S44	12	("4648309" | "4716817" | "4756241" | "5058489" | "5076226" | "5107807" | "5158008" | "5193436").PN. OR ("5448942").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:04
S45	24	("2046789" | "2149862" | "2217542" | "2262132" | "2309555" | "2497380" | "2513814").PN. OR ("4756241").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:05
S46	7	("2309555").URPN.	USPAT	OR	OFF	2008/06/09 20:07
S47	2	("2046789").URPN.	USPAT	OR	OFF	2008/06/09 20:12
S48	9	("2795468" | "3123899" | "D056347").PN. OR ("D286781").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:14

S49	0	("D056347").URPN.	USPAT	OR	OFF	2008/06/09 20:14
S50	0	("D056347").URPN.	USPAT	OR	OFF	2008/06/09 20:14
S51	0	("D056347").URPN.	USPAT	OR	OFF	2008/06/09 20:15
S52	8	("2795468" | "3123899" | "D056347").PN. OR ("D286780").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:17
S53	40	("1228048" | "1727390" | "1875039" | "1979498" | "2208898" | "2806751" | "2817562" | "3051536" | "3220101" | "3405610").PN. OR ("3906923").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:19
S54	17	("2802706" | "3035879" | "3058792" | "3137439" | "3906923" | "4058104" | "4111104" | "4158328" | "4508019").PN. OR ("4719846").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:20
S55	21	("1432799" | "1531066" | "1665438" | "1787638" | "2119633" | "2857218" | "2921823" | "3667443" | "3815558").PN. OR ("4058104").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:22
S56	16	("1693584" | "2080286" | "3115070" | "3327593" | "3505934" | "3906923" | "4314531").PN. OR ("4677900").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:24
S57	5	("3505934").URPN.	USPAT	OR	OFF	2008/06/09 20:25
S58	13	("4535682").URPN.	USPAT	OR	OFF	2008/06/09 20:26
S59	14	("1760122" | "2381065" | "2407440" | "3515035" | "4535682").PN. OR ("4599935").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:28
S60	8	("1760122").URPN.	USPAT	OR	OFF	2008/06/09 20:29

S61	14	("1016561" | "1760122" | "2195552" | "2407440" | "4535682").PN. OR ("4760771").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:30
S62	4	("1016561").URPN.	USPAT	OR	OFF	2008/06/09 20:31
S63	14	("1760122" | "2381065" | "2407440" | "3515035" | "4535682").PN. OR ("4599935").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:33
S64	3	("2194247").URPN.	USPAT	OR	OFF	2008/06/09 20:44
S65	1	("1575751").URPN.	USPAT	OR	OFF	2008/06/09 20:48
S66	6	("3319535").URPN.	USPAT	OR	OFF	2008/06/09 20:51
S67	10	((recess or (bearing near2 surface)) and piston and skirt and (notch$2 or groove$1 or slot$1)).ab.	USPAT	OR	OFF	2008/06/09 21:29
S68	8	("2035692" | "5113817" | "5996545" | "6023619" | "6209510" | "6491013" | "6763758").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 21:30
S69	184	((recess or notch$2 or groove$1 or slot$1) and piston and (skirt or (bearing near2 surface))).ab.	USPAT	OR	OFF	2008/06/09 21:36
S70	18	("0791236" | "1101682" | "1756761" | "2574934" | "3272091" | "3564978" | "3589756").PN. OR ("3765307").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/10 08:17
S71	1282	((recess or notch$2 or groove$1 or slot$1) and piston and (skirt or (bearing near2 surface))).ab.	US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/10 08:26
S72	1251176	S71 and pump or compressor or engine	US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/10 08:26

S73	861	S71 and (pump or compressor or engine)	US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/10 08:27
S74	409	S73 and cylinder	US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/10 08:27
S75	2218	inverter with operation with frequency	USPAT	OR	OFF	2008/06/10 09:50
S76	234	S75 and compressor	USPAT	OR	OFF	2008/06/10 09:51
S77	71	S76 and (power with supply with frequency)	USPAT	OR	OFF	2008/06/10 09:52
S78	34	refrigerant with R600 $1	USPAT	OR	OFF	2008/06/10 17:53
S79	1	jp-2004027969-$.did.	DERWENT	OR	OFF	2008/10/09 14:20

10/10/2008 2:19:07 PM
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